


Type and Diameter of Boring Light Cable Percussion 150mm diameter	Location Shelton Road / Willowbrook Rd Corby, Northants. 49088/-290911
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Sample/Test	Drilling and Casing Progress	Water Level	Blows N		Description of Strata	Ground Level		Legend
			U100 Blows	TCR (%) (RQD %)		Depth (m)	Level m (OD)	
0.05-0.50	U							
0.50-0.95	SBI		9					
1.00-1.45	UB		43					
1.50-1.95	SBI	19.02.96	8					
2.00-2.45	U		34					
2.50-2.95	SBI		7					
3.00-3.45	U		33					
3.45-3.50	D				MADE GROUND: Soft to firm, brown, slightly silty Clay, with a little fine and medium, angular to subrounded chalk and sandstone gravel. Below 0.50m firm to stiff and grey brown in colour. Between 1.00 and 5.00m occasional pockets (<5mm) of grey silty clay. Below 4.50m occasional very dark grey mottling.			
3.50-3.95	SBI		7					
4.00-4.45	U		26					
4.45-4.50	D							
4.50-4.95	SBI		8					
5.00-5.45	U		31					
5.45-5.50	D							
5.50-5.95	SBI		9					
6.00-6.45	U	20.02.96	27					
6.45-6.50	D							
6.50-6.95	SBI		14					
7.00-7.45	U	19.02.96	75					
7.50-7.95	DS		14					
8.00-8.45	U		62					
8.45-8.50	D							
8.50-8.95	SBI		16					
9.00-9.45	U		60					
9.45-9.50	D							
9.50-9.95	SBI		16					
10.00-10.45	U		67					

Remarks
 Day works - tracking and establishing position for 120 minutes, washing down equipment for 30 minutes
 Gas well installed to 11.7m, sealed with bentonite to base of hole.
 Waterra sampling system installed to 11.10m.

Client
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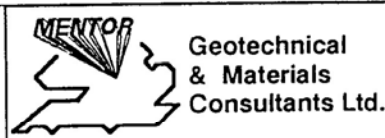
Scale 1:50
 Report

Type and Diameter of Boring Light Cable Percussion 150mm diameter	Location Shelton Road / Willowbrook Rd Corby, Northants. 490885-290911
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Sample/Test	Drilling and Casing Progress	Water Level	Blows N		Description of Strata	Ground Level		Legend
			U100 Blows	TCR (%) (RQD (%))		Depth (m)	Level m (OD)	
10.45-10.50 D				17	MADE GROUND: Firm to stiff, orange brown and grey brown, locally mottled dark grey, sandy Clay, with a little fine and medium, angular to subangular sandstone gravel. Below 9.50m occasional pockets (<20mm) of grey fine to medium sand. Below 11.80m occasional organic material.		106.30	
10.50-10.95 SB				100				
11.00-11.30 UB				39				
11.30-11.75 SB				29				
11.80-12.25 SB				23		(F)	12.20	94.1
12.30-12.75 SB				18	Medium dense, orange-brown, fine and medium, slightly clayey SAND, with some fine and medium, subangular to subrounded sandstone and ironstone gravel. Occasional pockets (<50mm) of grey sandy clay. (Possible Made Ground).			
12.80-13.25 SB				14				
13.30-13.75 SB				17				
13.80-14.25 SB							(NSI?)	14.30
		20.02.96						

Remarks

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Scale 1:50
Report

Type and Diameter of Boring
 Light Cable Percussion
 150mm diameter

Location
 Shelton Road / Willowbrook Rd
 Corby, Northants.

490821-290869

Sample/Test		Drilling and Casing Progress	Water Level	Blows N		Description of Strata	Ground Level		Legend
Depth (m)	TYP			U100 Blows	TCR (%) (RQD %)		Depth (m)	Level m (OD)	
0.05-0.50	D								
0.75	D								
1.00-1.45	SB			12					
1.75	D								
2.00-2.45	U			36					
2.50	D								
2.75	D								
3.00-3.45	SB			9		MADE GROUND: Firm, grey brown, slightly sandy silty Clay, with some fine to coarse, angular to subrounded sandstone, flint and chalk gravel. Between 1.60m and 2.10m occasional light brown sand lenses (<25mm). Below 3.30m grey in colour.			
3.75	D								
4.00-4.45	U			38					
4.50	D								
4.75	D								
5.00-5.45	SB			9					
5.75	D								
6.50-6.95	U			54					
7.00	D						(F) 6.95	99.4	
7.25	D								
7.50-7.95	SB			10					
8.25	D								
8.50-8.95	SB			5		MADE GROUND: Soft, black, slightly sandy Silt, with trace organic material. Between 7.10m and 8.85m black and brown in colour.			
9.25	D								
9.50-9.95	SB			14					

Remarks

Borehole slabbed upon completion. Chiselled between 5.90m and 6.25m for 60 minutes.
 Borehole sealed with bentonite up to 13.50m.
 Day works - washing down equipment for 30 minutes, moving equipment around site 60 minutes.

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Scale 1:50

Report

Type and Diameter of Boring Light Cable Percussion 150mm diameter	Location Shelton Road / Willowbrook Rd Corby, Northants.
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490821-290869

Sample/Test		Drilling and Casing Progress	Water Level	Blows N		Description of Strata	Ground Level		Legend
Depth (m)	TYPE			U100 Blows	TCR (%) (RCD (%))		Depth (m)	Level m (OD)	
		10.25	D			15			
10.50-10.95	SB								
11.25	D	7							
11.50-11.95	SB								
12.25	D	15							
12.50-12.95	SB								
13.25	D	17							
13.50-13.95	SB								
14.25	D								
14.50-15.10	B								
					(F)	13.80	92.6		
					(NSI?)	15.10	91.3		

MADE GROUND: Soft, black, slightly sandy Silt, with trace organic material. Between 7.10m and 8.85m black and brown in colour.

Brown locally dark orange, slightly silty, fine and medium, SAND, with occasional fine to coarse, subangular to rounded ironstone nodules. (Possible Made Ground).

Remarks

Type and Diameter of Boring
 Light Cable Percussion
 150mm diameter

Location
 Shelton Road / Willowbrook Rd
 Corby, Northants. 49074; -290854

Sample/Test	Drilling and Casing Progress	Water Level	Blows N		Description of Strata	Ground Level			
			U100 Blows	TCR (%) (ROD (%))		Depth (m)	Level m (OD)	Legend	
0.25	D				MADE GROUND: Topsoil.	(F)	0.20	106.30	
0.50-0.95	U		38						
0.95	D								
1.00-1.45	DU		37						
1.50-1.95	DU	14.02.96	48						
1.95	D								
2.00-2.45	DS		16						
2.50-2.95	UB		59						
3.00-3.45	S		8		MADE GROUND: Stiff, grey brown, slightly silty Clay, with some fine to coarse, angular to subrounded, chalk and sandstone gravel and occasional rootlets. Below 1.00m occasional partings of fine orange sand. Below 3.00m traces of black wood fragments.				
3.50-3.95	U		39						
4.00-4.45	DS		7						
4.50-4.95	U		39						
5.00-5.45	SD		11						
5.50-5.90	UB		100						
6.00-6.05	S	15.02.96	35			(F)	5.90	100.60	
6.10	S	14.02.96	50						
6.70-7.05	S		19						
7.10-7.50	UB		100		MADE GROUND: Dark brown, sandy, fine to coarse, angular to subrounded, slag Gravel.				
7.50-7.95	S		21						
8.00-8.45	U		79			(F)	8.30	98.20	
8.45-8.50	D								
8.50-8.95	SB		1						
9.00-9.45	S		10		MADE GROUND: Soft, very dark grey brown, slightly sandy Silt.				
9.50-9.95	U		12						
9.95-10.00	D								
10.00-10.45	SB		1						

Remarks
 Chiselled between 6.05m and 6.40m for 90 minutes. Chiselled between 6.45m and 6.70m for 30 minutes.
 Day works - establishing water supply and filling bowser for 210 minutes, washing equipment 30 mins.
 Day works - moving equipment around site 60 mins

Client
 Commission for the New Towns / F.G.C.E.L.




Scale 1:50
 Report

Type and Diameter of Boring Light Cable Percussion 150mm diameter	Location Shelton Road / Willowbrook Rd Corby, Northants. 49074; -290854
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Sample/Test	Drilling and Casing Progress	Water Level	Blows N		Description of Strata	Ground Level		Legend
			U100 Blows	TCR (%) (RQD (%))		Depth (m)	Level m (OD)	
10.50-10.95	S		7		MADE GROUND: Soft, very dark grey brown, slightly sandy Silt.		106.5	
11.00-11.45	SB		5					
11.50-11.95	S		11					
12.00-12.45	SB		13					
12.50-12.95	SB		17			(F)	12.70	93.8
13.00-13.45	SB		22					
13.50-13.95	SB		37		Orange, medium grained, SANDSTONE, very weak, with frequent bands of ironstone. (Possible Made Ground).			
		15.02.96				(NSI?)	14.00	92.5

Remarks

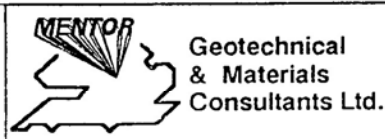
Gas well installed to 12.2m, sealed with bentonite to base of hole.
Waterra sampling system installed to 12.00m.

Client Commission for the New Towns / F.G.C.E.L.	 Geotechnical & Materials Consultants Ltd.	Scale 1:50 Report
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Type and Diameter of Boring				Location				
Light Cable Percussion 150mm diameter				Shelton Road / Willowbrook Rd Corby, Northants.				
				491096-290846				
Sample/Test		Drilling and Casing Progress	Water Level	Blows N		Ground Level		
Depth (m)	TYPE			U100 Blows			107.30	m(OD)
		TCR (%) (RQD (%))	Description of Strata		Depth (m)	Level m (OD)	Legend	
					MADE GROUND: Topsoil.	(F)	0.20 107.10	
3.20	D				MADE GROUND: Firm, grey, slightly silty Clay, with a little fine and medium, angular to subrounded, chalk and sandstone gravel.			
3.90	D							
5.70	D							
5.90	D					(F)	5.90 101.40	
7.00	D				MADE GROUND: Firm, orange, sandy Clay, with a little fine to coarse, subangular to subrounded, sandstone and ironstone gravel.			
7.60	D							
8.00	D							
8.40	D							
9.00	D				MADE GROUND: Soft to firm, light grey sandy Clay.	(F)	9.00 98.30	
9.20	D					(F)	9.20 98.10	
					MADE GROUND: Firm to stiff, brown and orange-brown, sandy Clay, with some fine to coarse, subangular to subrounded sandstone gravel.			
						(F)	10.00 97.30	

Remarks
 Gas well installed to 9.50m, sealed with bentonite to base of hole.
 Waterra sampling system installed to 9.00m. Day works - 30 minutes washing down equipment.
 Day works - 180 mins restoring condition of site. Day works - 120 mins removing equipment from site.

Client
 Commission for the New Towns / F.G.C.E.L.



Scale 1:50
 Report

Appendix C
Chemical Testing Results

Shelton Road / Willowbrook Road, Corby, NORTHANTS.

Results of Contamination Analyses on soil samples

Determinand	Sample		CY 20	CY 20	CY 21A	CY 21A	CY 22	CY 22	CY 23	CY 23	CY 25
	Units		(BH 1) 4.8m	(BH 1) 7.0m	(BH 2) 3.5m	(BH 2) 4.90m	(BH 3) 3.0m	(BH 3) 7.0m	(BH 4) 7.00m	(BH 4) 8.00m	(BH 6) 3.00m
Arsenic	(total) mg/kg	52	56	15	25	41	28	35	30	55	
Boron	(water sol) mg/kg	3.40	5.80	0.66	1.40	0.38	0.34	0.64	0.56	16.00	
Cadmium	(total) mg/kg	2.8	6.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Chromium	(total) mg/kg	210	20	40	45	45	35	50	50	75	
Chromium	(Hexavalent) mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Copper	(total) mg/kg	30	25	20	20	20	15	15	15	15	
Cyanide	(complex) mg/kg	-	-	-	-	-	-	-	-	-	
Cyanide	(Free) mg/kg	-	-	-	-	-	-	-	-	-	
Cyanide	(total) mg/kg	13	10	1	3	<1	<1	<1	<1	6	
Lead	(total) mg/kg	1800	2500	20	80	50	20	25	80	260	
Mercury	(total) mg/kg	<0.10	<0.10	<0.1	<0.1	<0.10	<0.10	<0.1	<0.1	<0.1	
Nickel	(total) mg/kg	85	80	35	40	40	25	30	40	35	
PAH	(total) mg/kg	34	51	32	6	<1	2	3	<1	16	
pH	pH units	7.9	7.6	8.2	7.5	7.7	7.8	7.6	7.6	8.7	
Phenol (Monohydric)	(total) mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Selenium	(total) mg/kg	<1.0	<1.0	<1	<1	<1.0	<1.0	<1	<1	<1	
Sulphate	(Total) (%SO4)	0.68	0.85	0.25	0.23	0.18	1.2	0.22	0.07	0.15	
Sulphide	(total) mg/kg	6.2	140.0	19.0	63.0	8.1	1.3	13.3	29.0	51.0	
Sulphur	(Total) %	-	-	-	-	-	-	-	-	-	
Sulphur	(Free) mg/kg	40	360	50.0	100.0	30	40	620.0	120.0	430.0	
Thiocyanate	(total) mg/kg	-	-	-	-	-	-	-	-	-	
TPH	(total) mg/kg	-	<10	-	-	-	-	-	-	-	
TOC	%	-	6.12	-	-	-	-	-	-	-	
Zinc	(total) mg/kg	7500	1.2%	70	370	170	60	70	25	1000	

Shelton Road / Willowbrook Road, Corby, NORTHANTS.

Results of Contamination Analyses on soil samples

Determinand	Sample		CY 27 (BH 8)	CY 27 (BH 8)	CY 28 (BH 9)	CY 28 (BH 9)	CY 29 (BH 10)	CY 29 (BH 10)	CY 30 (BH 11)	CY 30 (BH 11)	CY 30 (BH 11)	CY 32 (BH 13)
	Units		3.50m	7.50m	8.90m	9.10m	4.80m	5.60m	6.00m	7.50m	10.50m	6.00m
Arsenic	(total) mg/kg	18	104	59	42	31	36	18	51	28	47	
Boron	(water sol) mg/kg	0.57	2.60	5.60	4.20	0.67	0.82	0.66	2.50	3.80	4.80	
Cadmium	(total) mg/kg	<0.5	<0.5	1.3	5.8	<0.5	<0.5	<0.5	1.2	0.6	5	
Chromium	(total) mg/kg	40	110	170	190	40	60	35	90	70	220	
Chromium	(Hexavalent) mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Copper	(total) mg/kg	20	15	10	20	25	20	20	20	20	25	
Cyanide	(complex) mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyanide	(Free) mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyanide	(total) mg/kg	1	1	46	200	<1	<1	1.0	1.0	1.0	64.0	
Lead	(total) mg/kg	50	110	1300	3900	55	35	20	570	250	3100	
Mercury	(total) mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	(total) mg/kg	40	80	70	65	35	20	35	55	45	80	
PAH	(total) mg/kg	22	5	11	71	45	11	<1	10	5	53	
pH	pH units	7.9	7.8	7.9	8.5	8.0	7.7	7.8	8.0	7.8	7.7	
Phenol (Monohydric)	(total) mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Selenium	(total) mg/kg	<1	<1	<1	1.1	<1	<1	<1	<1	<1	1.2	
Sulphate	(total) (%SO4) mg/kg	0.95	0.2	0.44	0.65	0.53	1.5	0.53	0.58	0.12	0.71	
Sulphide	(total) mg/kg	1	23	12.3	120	8.4	12.3	<0.5	10.6	8.8	110	
Sulphur	(total) %	-	-	-	-	-	-	-	-	-	-	-
Sulphur	(Free) mg/kg	<10	60.0	310	70.0	<10	20.0	20.0	80.0	90.0	190.0	
Thiocyanate	(total) mg/kg	-	-	-	-	-	-	-	-	-	-	-
TPH	(total) mg/kg	-	-	-	<10	-	-	-	-	-	-	-
TOC	(total) %	-	-	-	-	-	-	-	2.8	-	-	-
Zinc	(total) mg/kg	190	510	6200	15000	220	100	75	2900	1000	13000	

Shelton Road / Willowbrook Road, Corby, NORTHANTS.

Results of Contamination Analyses on soil samples

Determination	Sample	CY 32	CY 33	CY 33	CY 33	CY 33	CY 33	CY 33	CY 35	CY 35	CY 36	CY 36	CY 36	CY 36	CY 37
	Units	(BH 13) 9.00m	(BH 14) 3.0m	(BH 14) 7.50m	(BH 14) 14.60m	(BH 16) 7.90m	(BH 16) 9.50m	(BH 17) 10.15m	(BH 17) 14.05m	(BH 17) 15.4m	(BH 18) 3.0m				
Arsenic	(total) mg/kg	40	18	46	196	32	56	57	61	238	19				
Boron	(water sol) mg/kg	1.90	0.54	6.50	10.30	<0.1	6.90	5.20	2.30	15.00	0.85				
Cadmium	(total) mg/kg	<0.5	<0.5	1.4	0.5	<0.5	3.4	4.8	5.2	<0.5	<0.5				
Chromium	(total) mg/kg	80	30	220	230	120	220	220	230	190	40				
Chromium	(Hexavalent) mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Copper	(total) mg/kg	20	25	20	10	20	20	25	30	10	20				
Cyanide	(complex) mg/kg	-	-	-	-	-	-	-	-	-	-				
Cyanide	(free) mg/kg	-	-	-	-	-	-	-	-	-	-				
Cyanide	(total) mg/kg	7.0	<1	4	<1	4	22	11	8	<1	<1				
Lead	(total) mg/kg	140	20	1300	290	540	3100	2400	2000	110	25				
Mercury	(total) mg/kg	<0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<0.1				
Nickel	(total) mg/kg	40	35	75	140	60	75	85	85	140	35				
PAH	(total) mg/kg	3	<1	29	7	19	72	74	71	2	<1				
pH	pH units	8.0	8.1	8.4	8.7	8.6	9.3	9.0	10.7	10.0	8.0				
Phenol (Monohydric)	(total) mg/kg	<1	<1	<1	<1	<1	<1	<1	2.0	<1	<1				
Selenium	(total) mg/kg	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1	<1	<1				
Sulphate	(total) (%SO4)	0.07	0.31	0.34	0.09	0.38	0.36	0.26	0.35	0.06	1.8				
Sulphide	(total) mg/kg	200	<0.5	160	46	92.0	180.0	150.0	400.0	6.9	2.0				
Sulphur	(total) %	-	-	-	-	-	-	-	-	-	-				
Sulphur	(free) mg/kg	90.0	<10	340	290	240	1120	520	220	40	<10				
Thiocyanate	(total) mg/kg	-	-	-	-	-	-	-	-	-	-				
TPH	(total) mg/kg	-	-	-	-	-	<10	-	-	-	-				
TOC	(total) %	-	-	7.34	-	-	-	7.46	-	-	-				
Zinc	(total) mg/kg	580	75	7700	2200	2900	1.4%	1.0%	9200	380	85				

Shelton Road / Willowbrook Road, Corby, NORTHANTS.

Results of Contamination Analyses on soil samples

Determinand	Sample	CY 37 (BH 18) 7.9m	CY 38 (BH 19) 6.5m	CY 38 (BH 19) 9.7m	CY 39 (BH 20) 4.3m	CY 39 (BH 20) 6.7m	CY 40 (BH 21) 5.50m	CY 40 (BH 21) 8.00m	CY 42 (BH 23) 4.50m	CY 42 (BH 23) 6.75m	CY 42 (BH 23) 10.75m
	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic (total)	mg/kg	24	19	66	24	19	39	7	35	60	45
Boron (water sol)	mg/kg	4.00	0.70	3.40	1.60	1.10	1.20	0.88	2.30	3.90	<0.1
Cadmium (total)	mg/kg	0.7	<0.5	3.3	<0.5	<0.5	<0.5	<0.5	1.1	4.6	0.7
Chromium (total)	mg/kg	120	40	220	35	40	60	30	100	230	90
Chromium (Hexavalent)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Copper (total)	mg/kg	20	20	25	15	20	15	10	15	25	15
Cyanide (complex)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (Free)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (Total)	mg/kg	3	<1	10	<1	<1	5	<1	1	13	2
Lead (total)	mg/kg	840	45	1800	50	95	220	20	480	2300	350
Mercury (total)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel (total)	mg/kg	55	35	85	25	35	25	15	45	85	45
PAH (Total)	mg/kg	15	7	44	520	79	9	6	14	54	9
pH	pH units	8.0	8.0	8.4	8.0	8.1	7.7	8.3	7.9	8.1	8.1
Phenol (Monohydric) (total)	mg/kg	<1	<1	<1	4.0	<1	<1	<1	<1	<1	<1
Selenium (total)	mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Sulphate (Total) (%SO4)	mg/kg	1.4	1.2	0.63	1.2	1.3	0.34	0.07	0.29	0.4	0.19
Sulphide (total)	mg/kg	83.0	1.8	120.0	18.0	34.0	19.0	0.8	1.4	5.4	50.0
Sulphur (Total)	%	-	-	-	-	-	-	-	-	-	-
Sulphur (Free)	mg/kg	580	<10	800	210	500	<10	<10	850	50	100
Thiocyanate (Total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TPH	mg/kg	-	-	<10	-	-	-	-	-	-	-
TOC	%	-	-	6.34	-	-	-	-	-	-	-
Zinc (total)	mg/kg	4400	170	8200	160	400.0	890	45	2300	1.10%	1600

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Results of Contamination Analyses on soil samples

Determinand	Sample		CY 43	CY 43	CY43	CY45	CY 45	CY46	CY 46	CY 48
	Units		(BH 24)	(BH 24)	(BH 24)	(BH 26)	(BH 26)	(BH 27)	(BH 27)	(BH 29)
Arsenic	(total) mg/kg	9	86	27	23	34	22	56	24	
Boron	(water soil) mg/kg	0.51	1.50	0.12	0.48	6.50	0.57	7.90	0.80	
Cadmium	(total) mg/kg	<0.5	<0.5	<0.5	<0.5	2	<0.5	3.1	<0.5	
Chromium	(total) mg/kg	40	120	40	40	210	45	220	45	
Chromium	(Hexavalent) mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Copper	(total) mg/kg	20	15	10	20	20	20	20	15	
Cyanide	(complex) mg/kg	-	-	-	-	-	-	-	-	
Cyanide	(Free) mg/kg	-	-	-	-	-	-	-	-	
Cyanide	(total) mg/kg	<1	<1	<1	<1	10	<1	38	<1	
Lead	(total) mg/kg	25	35	15	20	1700	40	2300	20	
Mercury	(total) mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Nickel	(total) mg/kg	35	60	25	35	70	30	70	30	
PAH	(total) mg/kg	2	<1	<1	<1	47	4	87	2	
pH	pH units	8.0	7.8	8.4	8.1	9.3	8.3	9.4	7.5	
Phenol (Monohydric)	(total) mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	
Selenium	(total) mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	
Sulphate	(Total) (%SO4)	0.59	0.11	0.04	0.76	0.39	0.98	0.59	0.85	
Sulphide	(total) mg/kg	0.8	1.1	0.7	<0.5	120.0	1.3	37.0	1.0	
Sulphur	(Total) %	-	-	-	-	-	-	-	-	
Sulphur	(Free) mg/kg	<10	<10	<10	<10	400	40	310	<10	
Thiocyanate	(total) mg/kg	-	-	-	-	-	-	-	-	
TPH	(total) mg/kg	-	-	-	-	-	-	-	-	
TOC	%	-	-	-	-	7.33	-	-	-	
Zinc	(total) mg/kg	100	170.0	40	110.0	9500	160	1.40%	80	

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Results of Contamination Analyses on soil samples

Determinand	Sample		CY 49	CY 49	CY 50	CY 50	CY 51	CY 51	CY 52	CY 52	CY 53	CY 53
	Units		(TP 1) 0.5m	(TP 1) 4.0m	(TP 2) 2.0m	(TP 2) 3.5m	(TP 3) 3.0m	(TP 3) 4.0m	(TP 4) 0.5m	(TP 4) 1.0m	(TP 5) 2.50m	(TP 5) 3.50m
Arsenic	(total) mg/kg		36	67	29	41	19	21	16	18	19	73
Boron	(water sol) mg/kg		17	7.60	0.54	4.20	2.20	1.10	0.95	0.41	0.42	7.70
Cadmium	(total) mg/kg		1	6.10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.2
Chromium	(total) mg/kg		85	240	55	90	50	45	50	45	45	240
Chromium	(Hexavalent) mg/kg		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Copper	(total) mg/kg		50	20.00	20	20	30	20	10	20	20	30
Cyanide	(complex) mg/kg		8	7.00	<1	<1	<1	<1	3	<1	<1	56
Cyanide	(Free) mg/kg		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Cyanide	(Total) mg/kg		-	-	-	-	-	-	-	-	-	-
Lead	(total) mg/kg		330	3100	45	50	15	20	50	15	15	2700
Mercury	(total) mg/kg		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.1	<0.1
Nickel	(total) mg/kg		65	80.00	40	50	35	40	15	35	35	65
PAH	(Total) mg/kg		46	<1	<1	<1	28	1	14	4	5	<1
pH	pH units		8.5	7.9	7.8	8.0	7.9	7.9	8.2	7.9	8.0	7.6
Phenol (Monohydric)	(total) mg/kg		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Selenium	(total) mg/kg		<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1
Sulphate	(Total) (%SO4) mg/kg		0.89	0.88	0.42	0.67	0.24	0.14	0.38	1.7	3.4	1.6
Sulphide	(total) mg/kg		53	1.30	2.5	4.6	0.8	1.1	60.0	4.8	2.2	1.1
Sulphur	(Total) %		0.59	0.42	0.13	0.46	0.91	0.87	0.47	0.18	0.33	0.57
Sulphur	(Free) mg/kg		60.0	10.0	20.0	70.0	20.0	<10	150.0	10.0	10.0	<10
Thiocyanate	(Total) mg/kg		<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
TPH	mg/kg		-	-	-	-	-	-	-	-	-	-
TOC	%		-	-	-	-	-	-	-	-	-	-
Zinc	(total) mg/kg		1.3%	1.9%	250	510	95	95	230.0	90	100	1.6%

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Results of Contamination Analyses on soil samples

Determinand	Sample		CY 54	CY 54	CY 55	CY 55	CY 56	CY 56	CY 58	CY 58	CY 59	CY 59
	Unifs	mg/kg	(TP 6) 3.20m	(TP 6) 4.00m	(TP 7) 2.70m	(TP 7) 3.50m	(TP 8) 1.00m	(TP 8) 2.60m	(TP 10) 0.40m	(TP 10) 2.00m	(TP 11) 3.0m	(TP 11) 4.0m
Arsenic (total)		24	20	77	92	36	23	35	23	21	26	
Boron (water sol)		2.80	1.70	8.20	20.00	7.50	1.50	0.41	0.45	1.10	0.53	
Cadmium (total)		<0.5	<0.5	3.3	4.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Chromium (total)		50	65	290	350	55	60	120	65	50	45	
Chromium (Hexavalent)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.10	<0.10	<0.10	<0.10	
Copper (total)		20	25	30	25	20	20	60	25	20	10	
Cyanide (complex)		2	10	23	24	<1	<1	<1	<1	3	<1	
Cyanide (Free)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Cyanide (total)		-	-	-	-	-	-	-	-	-	-	
Lead (total)		45	35	3100	2300	85	50	45	20	30	45	
Mercury (total)		<0.1	0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Nickel (total)		35	35	85	85	40	40	30	40	40	25	
PAH (Total)		100	74	1	1	<1	4	1	6	15	<1	
pH		pH unifs	8.1	8.0	7.8	7.7	8.1	8.4	8.1	7.9	7.8	
Phenol (Monohydric) (total)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Selenium (total)		<1	<1	<1	1.3	<1	<1	<1.0	<1.0	<1.0	<1.0	
Sulphate (Total) (%SO4)		0.36	0.9	0.85	1	2	0.1	0.32	0.18	1.5	0.55	
Sulphide (total)		1.3	12.7	240.0	15.0	4.2	1.2	150.0	1.7	5.9	1.2	
Sulphur (Total) %		0.44	0.37	0.53	0.57	0.65	0.09	0.54	0.09	0.36	0.10	
Sulphur (Free) mg/kg		430.0	90.0	160.0	290.0	30.0	<10	160.0	50.0	40.0	<10	
Thiocyanate (Total) mg/kg		<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	
TPH mg/kg		-	-	-	<10	-	-	<10	-	-	-	
TOC %		-	-	-	-	-	-	-	-	-	-	
Zinc (total) mg/kg		210	120	1.7%	1.2%	320	270	310	120	120	20	